

## Wetland Restoration - 657 DOCUMENTATION

### Requirements

1. Record the purpose and goals for the restoration in the conservation plan practice narrative. Include projected number of years the restored wetland will be maintained and whether or not it will be cropped.
2. On maps or ARC-View images, plot the perimeter of the planned wetland area, existing drain or diversion features, planned construction features, planned sediment/fill removal area, planned spoil spreading area, and planned seeding area.
3. If the surface watershed contributing to the wetland is being restored, plot its “before” and “after” boundaries on the plan map. Explain in narrative notes the nature of the surface watershed restoration. Record survey notes, if applicable.
4. Measure and record the wetland’s surface watershed acreage if it approaches or exceeds 20 acres.
5. Document compliance with NRCS buried utility policy.
6. Document compliance with NRCS cultural resources policy.
7. Determine if any easements or adjacent property rights could be affected by the wetland restoration, and document findings and design features that ensure its legality.
8. Record hydrologic conditions “before” and “after” restoration, using “Scope & Effect Data” form ND-CPA-336. For sub-surface drains, record in narrative notes the average conductivity of the soil type involved, length of pipe removed, absence or presence of envelope filter material and its type and removal.
9. A copy of completed FORM SFN51695 Application/Notification to Construct or Modify Dam, Dike, Ring Dike or Other Water Resource Facility approved by the North Dakota State Water Commission (SWC) is required for all wetland restorations.
10. For structures with maximum water retaining capacity (top of structure) exceeding 12½ acre feet, FORM 108 Conditional Water Permit from the SWC is required prior to construction or modification.
11. Record design of ditch plugs and embankments with “ND Wetland Restoration Workbook” (Design tab or worksheet) or equivalent.
12. Record checkout of ditch plugs and embankments with “ND Wetland Restoration Workbook” (Plug Check or EMB Check tab/worksheet, as applicable) or equivalent.
13. NRCS representative; record removal of sub-surface drain features and certify satisfactory completion with signature.

14. NRCS representative; record removal of sediment/fill and certify satisfactory completion with signature.
15. Document applicable vegetation planting plan with PLANNING OR DATA SHEET FOR GRASS AND/OR LEGUME SEEDING form nd-cpa-9e or equivalent.
16. Record actual installation of vegetation planting with PLANNING OR DATA SHEET FOR GRASS AND/OR LEGUME SEEDING form nd-cpa-9e or equivalent.
17. Record planting evaluations in remarks section of PLANNING OR DATA SHEET FOR GRASS AND/OR LEGUME SEEDING form nd-cpa-9e or equivalent.
18. For sites with planned ditch plugs; provide cooperators with an Operation & Maintenance plan in accordance with “ND Wetland Restoration Workbook” (Plug O & M tab/worksheet) or equivalent.
19. For sites with planned embankments, provide cooperators with an Operation & Maintenance plan in accordance with “ND Wetland Restoration Workbook” (Emb O & M tab/worksheet) or equivalent.
20. In the “Remarks” section of PLANNING OR DATA SHEET FOR GRASS AND/OR LEGUME SEEDING, form nd-cpa-9e or equivalent, include a vegetation Operation & Maintenance plan approved by the NRCS State Biologist, if the wetland is to be actively seeded or planted.
21. Provide the cooperators with detailed, written instructions for any special requirements specific to the site, such as features to be left undisturbed, special erosion control requirements, site preparation actions, etc.

#### Optional Documentation

- Hydrogeomorphic (HGM) assessment of existing conditions on the planned wetland restoration site, and predicted post-restoration conditions
- Predicted erosion rate on the wetland's sediment source area, using ND-FOTG Section I Erosion Prediction data and procedures